

Highly Migratory Species (HMS) Essential Fish Habitat Metadata

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Identification_Information:

Citation:

Citation_Information:

Originator:

National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NOAA Fisheries), Highly Migratory Species (HMS) Management Division

Publication_Date: August, 2003

Title: Highly Migratory Species (HMS) Essential Fish Habitat Metadata

Edition: Draft

Geospatial_Data_Presentation_Form: vector digital data

Other_Citation_Details:

This metadata record refers to GIS shapefiles for all life stages (neonate, juvenile and adult) for five species of sharks (blacktip, sandbar, dusky, nurse and finetooth) updated in the 2003 Draft Amendment 1 to the HMS FMP. These GIS files are available from NOAA Fisheries, HMS Division.

Online_Linkage: not available

Description:

Abstract:

The GIS shapefiles referenced in this metadata record identify Essential Fish Habitat (EFH) for Atlantic Highly Migratory Species (Atlantic tunas, swordfish, billfish, and sharks) for the NOAA Fisheries, Highly Migratory Species (HMS)

Management Division. For complete text definitions of EFH see the 1999 Fishery Management Plan (FMP) for Atlantic Tunas, Swordfish and Sharks; the 1999 Amendment 1 to the Atlantic Billfish FMP, the 2003 Amendment 1 to the HMS FMP, and the 2006 Consolidated Atlantic Highly Migratory Species Fishery Management Plan.

Purpose:

EFH for tunas, swordfish, and sharks was originally designated in the 1999 HMS FMP, and for billfish in the 1999 Amendment 1 to the Atlantic Billfish FMP; EFH regulations (67 FR 2343, January 17, 2002) specify that at least every five years a complete review of all available EFH information be conducted and the EFH provisions revised or amended based on this information. A review was completed for all HMS in 2004; The Consolidated Atlantic HMS FMP updates EFH for Atlantic HMS based on new information and/or a change in management status.

Supplemental_Information:

This metadata record applies to GIS shapefiles for all life stages (neonate (sharks), eggs and larvae, juvenile and adult) for Atlantic HMS. These GIS files are available from NOAA Fisheries, HMS Management Division.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: August, 2003

Currentness_Reference: publication date

Status:

Progress: In work

Maintenance_and_Update_Frequency:

At a minimum every 5 years or as new information becomes available

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -84.410458

East_Bounding_Coordinate: -74.741422

North_Bounding_Coordinate: 36.073662

South_Bounding_Coordinate: 24.416970

Keywords:

Theme:

Theme_Keyword_Thesaurus:

Habitat necessary for spawning, breeding, feeding and growth to maturity.

Theme_Keyword:

Essential Fish Habitat, EFH, Highly Migratory Species, HMS, Atlantic tunas, Atlantic swordfish, Atlantic billfish, Atlantic sharks, tunas, swordfish, billfish, sharks, habitat

Access_Constraints: Access to GIS files restricted to NOAA, NMFS personnel.

Use_Constraints:

Legal definition of EFH is provided in text descriptions in the 1999 HMS FMP, the 1999

Amendment 1 to the Atlantic Billfish FMP, the 2003 Draft Amendment to the HMS FMP, and the 2006 Consolidated HMS FMP.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Chris Rilling

Contact_Organization:

NOAA, Office of Sustainable Fisheries, Highly Migratory Species
Division

Contact_Position: Fisheries Management Specialist

Contact_Address:

Address_Type: mailing and physical address

Address: 1315 East West Highway

City: Silver Spring

State_or_Province: MD

Postal_Code: 20910

Country: US

Contact_Voice_Telephone: 301 713-2347

Contact_Facsimile_Telephone: 301 713-1918

Contact_Electronic_Mail_Address: chris.rilling@noaa.gov

Data_Set_Credit:

1999 EFH data developed by NOAA, Office of Habitat Conservation; 2003 EFH updates developed by NOAA, Office of Sustainable Fisheries, HMS Division, and Northeast Fisheries Science Center (NEFSC). For a complete list of data sources see the 1999 HMS FMP, the 2003 Amendment 1 to the HMS FMP, the 2006 Consolidated HMS FMP, or contact the HMS Management Division.

Native_Data_Set_Environment:

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog 9.1.0.722

Data_Quality_Information:

Logical_Consistency_Report:

EFH Shapefiles were originally developed in 1999 by NOAA Fisheries, Office of Habitat Conservation using Arcview 3.x. Updates to the files were made in 2003 based on new data analyzed by NEFSC and HMS. The original shapefiles were edited using Arcview 8.3 and mapped for publication in the 2003 Draft Amendment 1 to the HMS FMP.

Completeness_Report:

As of August 2003, the shapefiles represent draft polygons of EFH for five Atlantic shark species: blacktip, sandbar, dusky, nurse and finetooth sharks. A final FEIS and FMP will be completed in 2003 which will include final EFH maps with shapefiles and text descriptions of EFH areas.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator:

NOAA Fisheries, Office of Sustainable Fisheries, Highly
Migratory Species Division

Publication_Date: April, 1999

Title:

1999 Fishery Management Plan for Atlantic Tunas,
Swordfish and Sharks

Other_Citation_Details:

The original source data for EFH polygons and shapefiles
from the 1999 HMS FMP, were compiled and mapped jointly
by NOAA Fisheries, Office of Habitat Conservation and
Highly Migratory Species Division

Process_Step:

Process_Date: July, 2003

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Chris Rilling

Contact_Organization:

NOAA, NMFS, Office of Sustainable Fisheries,
Highly Migratory Species Division

Contact_Position: Fisheries Management Specialist

Contact_Address:

Address_Type: mailing and physical address

Address: 1315 East West Highway

City: Silver Spring

State_or_Province: MD

Postal_Code: 20910

Country: US

Contact_Voice_Telephone: 301 713-2347

Contact_Facsimile_Telephone: 301 713-1918

Contact_Electronic_Mail_Address: chris.rilling@noaa.gov

Process_Step:

Process_Description: Dataset copied.

Source_Used_Citation_Abbreviation: G:\Sf1\GIS\EFH 2003\Shapefiles
\blacktip_adu_efh

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: Vector

Point_and_Vector_Object_Information:

SDTS_Terms_Description:

SDTS_Point_and_Vector_Object_Type: G-polygon

Point_and_Vector_Object_Count: 4

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Geographic:

Latitude_Resolution: 0.000000

Longitude_Resolution: 0.000000

Geographic_Coordinate_Units: Decimal degrees

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Clarke 1866

Semi-major_Axis: 6378206.400000

Denominator_of_Flattening_Ratio: 294.978698

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: HMS EFH Metadata

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Shape

Attribute_Definition: Feature geometry.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain: Coordinates defining the features.

Attribute:

Attribute_Label: SPECIES

Attribute:

Attribute_Label: LIFE_STAGE

Attribute:

Attribute_Label: LEGAL_TEXT

Attribute:

Attribute_Label: HABITAT_DE

Attribute:

Attribute_Label: HABITAT_TA

Attribute:

Attribute_Label: MAP_IMAGE

Overview_Description:

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Chris Rilling

Contact_Organization: NOAA, NMFS, Highly Migratory Species Division

Contact_Position: Fisheries Management Specialist

Contact_Voice_Telephone: 301 713-2347

Contact_Facsimile_Telephone: 301 713-1918

Contact_Electronic_Mail_Address: chris.rilling@noaa.gov

Resource_Description: Available upon request

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Transfer_Size: 0.003

Metadata_Reference_Information:

Metadata_Date: 20060801

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Chris Rilling

Contact_Organization: NOAA, NMFS, Highly Migratory Species Division

Contact_Position: Fisheries Management Specialist

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Contact_Electronic_Mail_Address: chris.rilling@noaa.gov

Metadata_Standard_Name: FGDC Content Standards for Digital Geospatial Metadata

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Time_Convention: local time

Metadata_Extensions:

Online_Linkage: <<http://www.esri.com/metadata/esriprof80.html>>

Profile_Name: ESRI Metadata Profile

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